

AMENDMENTS TO THE CLAIMS:

This listing of the pending claims will replace all prior versions and listings of claims in this application:

1. (Currently Amended) A disposable injector syringe comprising:

a syringe body, the syringe body including a cylindrical barrel having a needle mounting portion on one end thereof, and an opening portion, on the other end thereof, ~~for receiving a piston;~~

a needle to be mounted on the needle mounting portion, ~~the piston to be inserted through the syringe body through the opening portion, and;~~

a piston received through the syringe body through the opening portion, wherein the piston includes a hollow portion, an opening storage portion communicating with the hollow portion, inside the opening storage portion being a closing diaphragm having crossing notches, and a cap closing the opening storage portion, the needle to be stored in the opening storage portion; and

restricting means for restricting a movement of the piston, the restricting means restricting the movement of the piston so that the cylindrical barrel is prefilled with a liquid medicine and then closed by the piston.

2. (Previously Presented) The disposable injector syringe according to claim 1, wherein the piston movement restricting means comprises a bellows, and a fixing sheet, the bellows being composed of a circumferential portion having a predetermined width and a trough portion, the two portions alternating with each other, the bellows covering at least a portion of the piston, and the fixing sheet being glued onto the circumferential portion of the bellows.

3-4. (Cancelled).

5. (Previously Presented) The disposable injector syringe according to claim 1, comprising a reverse-movement prevention stopper ring in the vicinity of the opening of the cylindrical barrel of the syringe body, and a large number of reverse-movement prevention projections arranged on

the circumferential portion of the piston rod in the midway position of the piston rod, wherein the reverse-movement prevention projections are stopped by the reverse-movement prevention stopper ring.

6. (Previously Presented) The disposable injector syringe according to claim 1, comprising a slide cover slidably movable along the cylindrical barrel of the syringe body.

7. (Previously Presented) The disposable injector syringe according to claim 1, comprising a liquid-prefilled flexible plastic pouch arranged in the cylindrical barrel, wherein a proximal sharp end of the needle is projected in the cylindrical barrel.

8. (Previously Presented) A disposable injector syringe comprising:

a cylindrical barrel having a needle mounting portion disposed at a first end thereof and an piston-receiving opening disposed at a second end thereof;

a needle adapted to be mounted to said needle mounting portion; and

a piston slidably received through said opening, said piston having a hollow inner portion,

wherein said needle may be received within said hollow inner portion.

9. (Previously Presented) The disposable injector syringe of claim 8 further comprising a fixing sheet removably attached to said piston for preventing unintentional advancement of said piston through said cylindrical barrel.

10. (Previously Presented) The disposable injector syringe of claim 8 further comprising a reverse movement stopper ring positioned within said cylindrical barrel for preventing said piston from being withdrawn from said cylindrical barrel after said piston has been advanced through said cylindrical barrel.